

DATA SHEET

TMI-Orion

Batteries



Logger family	Logger model	Temperature range	Battery packs	Battery pack dimensions
MiniVACQ		-40°C ~ +100°C	015M	D.15 mm - L.29.5 mm
PicoVACQ	Humidity Temperature	-40°C ~ +85°C	015M	D.15 mm - L.29.5 mm
		-40°C ~ +85°C	015PW	D.15 mm - L.37.5 mm
		-40°C ~ +85°C	016PTA	D. 16 mm - L.60.3 mm
	Humidity Temperature Ex	-40°C ~ +70°C	015MEX	D.15 mm - L.29.5 mm
	Pressure Temperature	-30°C ~ +85°C	015PW	D.15 mm - L.37.5 mm
		-30°C ~ +140°C	016T(*)	D.16 mm - L.35 mm
		-30°C ~ +140°C	016PTA	D. 16 mm - L.60.3 mm
		-30°C ~ +100°C	015M	D.15 mm - L.29.5 mm
		0°C ~ +140°C	015P(**)	D.15 mm - L.13 mm
	Pressure Temperature Ex	-30°C ~ +70°C	015MEX	D.15 mm - L.29.5 mm
		0°C ~ +70°C	015PEX(**)	D.15 mm - L.13 mm
	Temperature	-70°C ~ +85°C	015PW	D.15 mm - L.37.5 mm
		-70°C ~ +140°C	016PTA	D. 16 mm - L.60.3 mm
		-40°C ~ +140°C	016T(*)	D.16 mm - L.35 mm
		-40°C ~ +100°C	015M	D.15 mm - L.29.5 mm
		0°C ~ +140°C	015P(**)	D.15 mm - L.13 mm
	Temperature Ex	-30°C ~ +70°C	015MEX	D.15 mm - L.29.5 mm
		0°C ~ +70°C	015PEX(**)	D.15 mm - L.13 mm

(*) A special configuration of the PicoVACQ is requested with battery 016T

(**) The battery life decreases significantly below ambient temperature and becomes very short close to 0°C. In applications below ambient temperature, we recommend that you use other battery models or check that the application is compatible with the battery type.



Logger family	Logger model	Temperature range	Battery packs	Logger body dimensions
NanoVACQ	Temperature	-90°C ~ +85°C	014ZFL	D.31 mm - L.125 mm
		-55°C ~ +140°C	Routine HE	D.31 mm - L.39 mm
		0°C ~ +125°C	014Z	D.31 mm - L.31 mm
		-70°C ~ +140°C	Wide HE	D.31 mm – L.76 mm
		-90°C ~ +85°C	Cold HE	D.31 mm – L.76 mm
	Temperature Radio and FullRadio	-90°C ~ +85°C	014ZFL	D.31 mm - L.129 mm
		-55°C ~ +140°C	Radio HE	D.31 mm - L.52.2 mm
		-70°C ~ +140°C	Wide HE	D.31 mm – L.76 mm
		-90°C ~ +85°C	Cold HE	D.31 mm – L.76 mm
	Pressure Temperature	-30°C(*) ~ +85°C	014ZFL	D.31 mm - L.125 mm
		-30°C(*) ~ +140°C	Routine HE	D.31 mm - L.39 mm
		0°C ~ +125°C	014Z	D.31 mm - L.31 mm
	Pressure Temperature Radio and FullRadio	-30°C(*) ~ +85°C	014ZFL	D.31 mm - L.129 mm
		-30°C(*) ~ +140°C	Radio HE	D.31 mm - L.52.2 mm
		-55°C ~ +140°C	Wide HE	D.31 mm – L.76 mm
		-55°C ~ +85°C	Cold HE	D.31 mm – L.76 mm
	Humidity Temperature	-55°C ~ +140°C	Routine HE	D.31 mm - L.39 mm
		-60°C ~ +85°C	014ZFL	D.31 mm - L.125 mm
	Humidity Temperature Radio and FullRadio	-55°C ~ +140°C	Radio HE	D.31 mm - L.52.2 mm
		-60°C ~ +85°C	014ZFL	D.31 mm - L.129 mm
		-60°C ~ +140°C	Wide HE	D.31 mm – L.76 mm
		-60°C ~ +85°C	Cold HE	D.31 mm – L.76 mm
	Ex models	-30°C ~ +85°C	016ZEX	D.31 mm - L.39 mm
		-30°C ~ +140°C	015ZEX	D.31 mm - L.39 mm
	Ex Radio models	0°C ~ +140°C	017ZEX	D.31 mm - L.44 mm
	Air flow	-30°C ~ 140°C	Routine HE	D.31 mm - L.39 mm
	Air flow and temperature	-30°C ~ +140°C	Routine HE	D.31 mm - L.39 mm
	Air flow and temperature Radio and FullRadio	-30°C ~ +140°C	Radio HE	D.31 mm - L.52.2 mm
		-30°C ~ +140°C	Wide HE	D.31 mm – L.76 mm
		-30°C ~ +85°C	Cold HE	D.31 mm – L.76 mm

(*) -55°C: optional.



Logger family	Logger model	Temperature range	Battery packs	Battery pack dimensions
NanoVACQ Flat		-30°C ~ +140°C	014W	D. 17.5 mm - L. 8 mm
NanoVACQ xFlat		-20°C ~ +140°C	NXF1	L.28 x l.14 x H.4.2 mm
VACQ Autoclave		0°C ~ +140°C	015S	D.15 mm - L.50 mm
VACQ III		0°C ~ +140°C	015S	D.15 mm - L.50 mm
VACQ xFlat	VACQ xFlat 1.4, VACQ xFlat 2.4 (wired and FullRadio models) and VACQ xFlat 1.3 Radio	0°C ~ +140°C	VXP1	L.58 x l.25 x H.6 mm
	VACQ xFlat 2.4, VACQ xFlat 2.8 (wired and FullRadio models)	-55°C ~ +140°C	VXP2	L.58 x l.29.3 x H.10.5 mm
	VACQ xFlat 1.4, VACQ xFlat 1.8, VACQ xFlat 2.4, VACQ xFlat 2.8 (wired and FullRadio models), VACQ xFlat 1.3 Radio and VACQ xFlat 1.7 Radio	0°C ~ +140°C	VXP3	L.58 x l.29.3 x H.6.5 mm
	VACQ xFlat 2.8 (wired and FullRadio models)	0°C ~ +140°C	VXP3HC	L.58 x l.29.3 x H.10.5 mm
	VACQ xFlat 2.8 (wired, Radio and FullRadio models)	0°C ~ +70°C	AC Adapter - VXPS	L.75 x l.30.5 x H.19 mm
	VACQ xFlat 1.8, VACQ xFlat 2.8 (wired and FullRadio models), VACQ xFlat universel FullRadio	0°C à +140°C	015S	D.15 mm – L.50 mm
	VACQ xFlat 1.8, VACQ xFlat 2.8 (wired and FullRadio models), VACQ xFlat universel FullRadio	0°C à +70°C	AC Adapter - 016 Treload	D.15 mm – L.50 mm
VACQ uFlat	VACQ uFlat	0°C ~ +125°C	VUP1	L.45 x l.21 x H.5.8 mm
CeriDry	Temperature, humidity, shrinkage	-30°C à +140°C	Routine HE	L.169 x l.55 x H.52 mm
	Temperature, humidity, shrinkage Radio and FullRadio	-30°C à +140°C	Radio HE	L.169 x l.55 x H.52 mm

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